

REMARKS

This Amendment is submitted supplementarily to the previous Amendment and in connection with the interview held with the Examiner in the United States Patent and Trademark Office on March 22, 1994.

The Examiner's highly beneficial cooperation during the interview is greatly appreciated.

During the interview it was determined that the finality of the Office Action would be withdrawn and it would be advisable to include Mattson formulas in the claims and to emphasize two important features of the present invention, namely the orientation of the cells in accordance with the Mattson formulas and the covering of partitions from all sides with the X-ray absorbing material.

In connection with this, applicant cancelled all original claims to simplify the issues and submitted a new set of claims 19 - 30.

Claim 19, the first independent claim defines the cellular X-ray grid in which all surfaces of the partitions including both the side surfaces and the end surfaces are

completely covered with the X-ray absorbing layer. As explained in detail in previous Amendments, the provision of the partitions and the X-ray absorbing layer on the other hand provides for a very mechanically strong X-ray grid on the one hand and at the same time optimizes the transmission of X-ray radiation through the grid.

During the interview the Examiner indicated that he located U.S. Patent 5,231,654 which in his opinion taught a similar solution. Applicant has submitted to the Examiner a copy of the disclosure document which was filed before filing of the present application and on which the present application is based. The above mentioned U.S. Patent 5,231,654 claims its priority from December 6, 1991 while the disclosure document (submitted in original and with a translation) claims its priority from November 29, 1991. Thus, it is respectfully submitted that the above mentioned U.S. Patent should not be considered as a valid reference since its priority is later than the priority of the present application, based on the priority of disclosure document. It is therefore respectfully submitted that claim 19 should be considered as patentably distinguishing over the art and should be allowed.

Applicant has also submitted claims 20 - 26 which depend on claim 19. Since these claims share the presumably

allowable features of claim 19, it is therefore respectfully submitted that these claims should be considered as patentably distinguishing over the art as well and should be allowed.

Applicant has also submitted claim 27, which is a second independent claim. This claim defines the specific orientation of the cells in the X-ray grid which provides a highly superior quality of X-ray images produced on an X-ray sensitive carrier by irradiating through the inventive X-ray grid. The features of this claim are not disclosed in the references and therefore this claim should be considered as patentably distinguishing over the art and should be allowed.

Finally, claims 28 - 30 which depend on claim 27, share the presumably allowable features of claim 27 and therefore it is respectfully submitted that these claims should be allowed as well.

Reconsideration and allowance of the present application with all the claims currently on file are most respectfully requested.

Should the Examiner require or consider it advisable that the specification, claims and/or drawings be further amended or corrected in formal respects in order to place this

case in condition for final allowance, then it is respectfully requested that such amendments or corrections be carried out by Examiner's Amendment, and the case be passed to issue. Alternatively, should the Examiner feel that a personal discussion might be helpful in advancing this case to allowance, he is invited to telephone the undersigned (at 516-243-3818).

Respectfully submitted,



Ilya Zborovsky
Agent for Applicant
Reg. No. 28563